

Rhode Island 2005 EQIP Applicant Evaluation Worksheet

Applicant's Name:	<u>Example Farm</u>	Type of Operation:	<u>Vegetable</u>
		Acres or Animal Units Treated	<u>20</u>
Operator:		Farm #	
Address:		Tract #	
Town:		Watershed No:	
ZIP Code:		Date:	
Phone:		Total Score:	400.83

I. Resource Concerns:

Applicants Score	=	26.60
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II. Environmental Benefits:

Applicants Score		672.00
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III. Project Enhancements:

Applicants Score		47.00
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IV. Estimated Program Financial Assistance Cost:

Estimated Total Project Cost	\$25,000
Non-USDA Funds, Non Producer Costs	\$0
Producer Costs	\$7,500
Total Program Financial Assistance Cost	\$17,500

IV. Other Concerns or Adjustments:

Past History of Applicant: Subtract 30% for failure to complete a previous plan; 20% for partial completion of previous plan; 10% for failure to properly maintain practices.	0% Deduction	
Adjustments		0.00

V. Cost Effectiveness

Cost effectiveness: Divide Environmental Benefits by the Cost per Acre or Animal Unit Treated.	0.538
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VI. Adjusted Score: (Applicant's Score plus Adjustments multiplied by Cost Effectiveness)

Applicant's Adjusted Score	400.83
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Continued on next page

Environmental Benefit Calculator

RESOURCE CONCERNS	Aspect / Problem	Value	Benchmark Condition	Value	Desired Outcome	Value	Location Factor	Value	Priority Factor	ENVIR. BENEFIT
Water Quality	Harmful/Excess Levels of Pesticides-Nutrients or Pathogens-Moderate	14	Does not meet QC	1	Meets Quality Criteria	5	b. Prime shellfish beds impacted by agriculture.	6	1.3	436.8
Water Quantity	N/A	0	Does not meet QC	1	Meets Quality Criteria	5	N/A	1	1.2	0.0
Soil Erosion	Ephemeral Gully, Streambank or Road-Severe	7	Does not meet QC	1	Meets Quality Criteria	5	a. Soil is Prime Farmland	7	1.2	235.2
Animal Quality	N/A	0	Does not meet QC	1	Meets Quality Criteria	5	N/A	1	1.2	0.0
Soil Quality	N/A	0	Does not meet QC	1	Meets Quality Criteria	5	d. N/A	1	1.1	0.0
Air Quality	N/A	0	Does not meet QC	1	Meets Quality Criteria	5	c. N/A	1	1	0.0
Plant Quality	N/A	0	Does not meet QC	1	Meets Quality Criteria	5	N/A	1	1	0.0
Environmental Benefit Score =		(Resource Concern x Environmental Gain x Location Factor)							672.0	

Project Enhancements Calculator

Regulatory Compliance				3	
Ag. Land Protection	a. Permanently Protected	5		3	15
Conservation Systems	b. Completes a CMU or Field RMS	3		3	9
Innovation	c. Adoptive	1		3	3
Leveraged Funds				2	
Conservation System Durability	b. 15 yrs	6		2	12
Ag. Production	b. Food Quality	3		1	3
Local Priority	1st Resource Concern E, N, S Water Quality	5		1	5
Project Enhancement Score					47.00

INSTRUCTIONS: Assessing the proposed project as a whole, select the best suited ranking elements in the yellow shaded cells (values will populate automatically). For more information see *Rhode Island 2004 Application Evaluation Instructions*. 11/18/2004

Example Farm						
SEVERITY SCALE			VALUES			
LOW	5	3	1		POINTS	
MODERATE	7	5	3			
SEVERE	9	7	5	0		
					Priority Factor	
RESOURCE CONCERNS (*National and State Priorities)						
Water Quality	*Harmful Levels or Excess Pesticides, Nutrients or Pathogens	*Sediment	Contaminants from off-farm sources, petroleum storage, stream temps	N/A	1.3	18.2
Water Quantity	Insufficient Flow to sustain desired ecological condition	*Inefficient Use	Excess Amount	N/A	1.2	0.0
Soil Erosion	*Sheet & Rill	Ephemeral Gully, Streambank or Road	Classic Gully	N/A	1.2	8.4
Animal Quality	*Threatened & Endangered Species	Fish & Wildlife-Inadequate Food/Cover/Water	Domestic Animals-Inadequate Feed/Forage/Water/Healthy Living Condition	N/A	1.2	0.0
Soil Quality	Organic Matter Depletion	Compaction	Excess soil nutrients	N/A	1.1	0.0
Air Quality	Chemical Drift	*Particulates, Ozone, Greenhouse Gases	Objectionable Odors, Noise from Pumps	N/A	1	0.0
Plant Quality	*Threatened & Endangered Species	Noxious and Invasive	Productivity, Health and Vigor	N/A	1	0.0
RESOURCE CONCERNS	(*National priorities (orange highlight) receive double values)					26.60
ENVIRONMENTAL BENEFIT						
*Environmental Benefit Score	Resource Concern x Environmental Gain x Location Factor					672.0
PROJECT ENHANCEMENTS						
Regulatory Compliance	*Voluntary CNMP	Voluntarily addresses other known pollutant issue.	*Other Regulatory Issue or TMDL	N/A	x 3	
Ag. Land Protection	Permanently Protected	Conditionally Protected through FFOS, GRP, CRP		N/A	x 3	15
Conservation Systems	Completes a new, revised or existing whole-farm plan to RMS level.	Completes a CMU or field RMS		Completes a practice (Not a RMS)	x 3	9
Innovation	*Innovative	Adaptive	Adoptive	N/A	x 3	3
Leveraged Funds	*≥30% of total cost	*15-30% of total cost	*1-15% of total cost	N/A	x 2	
Conservation System Durability	*≥ 20 yrs.*	*15 yrs.	5-10 yrs.	Annual	x 2	12
Ag. Production	Organic/Sustainable Agriculture	Food Quality	Increase Yields / Minimize Loss	N/A	x 1	3
Local Priority	1st Resource Concern	2nd Resource Concern	3rd Resource Concern	N/A	x 1	5
RESOURCE CONCERNS	*(National priorities (orange highlight) receive double values. Voluntary CNMP = 20 points.					47
TOTAL SCORE						745.60

LOOK-UP TABLES - Aspect Values are stated as ranges based on severe, moderate or low level of impact. See Evaluation Matrix for clarification. Severity values are chosen from Quality Criteria matrix completed by conservation planner prior to ranking. See Rhode Island NRCS FY 2005 Resource Concerns and Quality Criteria for EQIP.

CRITERIA	VALUE	CRITERIA	VALUE	CRITERIA	VALUE	CRITERIA	VALUE	CRITERIA	VALUE
a. Public drinking water, or groundwater aquifer/recharge area, or community wellhead.	7	a. ≥30% of total cost	10	Harmful/Excess Levels of Pesticides-Nutrients or Pathogens	18,14, 10	a. Organic Matter Depletion	9, 7, 5	a. Public drinking water, or groundwater aquifer/recharge area, or community wellhead.	7
b. Prime shellfish beds impacted by agriculture.	6	b. 15-30% of total cost	6	Sediment	14, 10, 6	b. Compaction	7, 5, 3	d. Priority Freshwater Fish and Wildlife Habitat	4
c. 303d list of waters	5	c. 1-15% of total cost	2	Contaminants	5, 3, 1	c. Excess soil nutrients	5, 3, 1	f. Other Surface Water/Private Well	2
d. Priority Freshwater Fish and Wildlife Habitat	4	d. N/A	0	N/A	0	d. N/A	0	N/A	1
e. Coastal Salt Ponds	3								
f. Other Surface Water/Private Well	2	a. Completes a whole-farm plan	5	a. Insufficient Flow to sustain desired ecological condition	9, 7, 5	a. Chemical Drift	9, 7, 5	a. Soil is Prime Farmland	7
g. N/A	1	b. Completes a CMU or Field RMS	3	b. Inefficient Use	14, 10, 6	b. Particulates, Ozone, Greenhouse Gases	14, 10, 6	b. Soil is of Statewide Importance	5
		c. Single practice (not a RMS)	0	c. Excess Amount	5, 3, 1	c. Objectionable Odors, Noise from Pumps	5, 3, 1	c. Land is Permanently Protected, but not prime or important soil	3
				d. N/A	0	d. N/A	0	d. N/A	1
a. > 20 yrs	10	a. Permanently Protected	5						
b. 15 yrs	6	b. Conditionally Protected through FFOS, GRP, CRP	3	a. Sheet and Rill	18, 14, 10	a. Threatened & Endangered Species	18, 14, 10	N/A	1
c. 5-10 yrs	2	c. N/A	0	b. Ephemeral Gully, Streambank or Road	7, 5, 3	b. Noxious and Invasive	7, 5, 3		
d. Annual	0			c. Classic Gully	5, 3, 1	c. Productivity, Health and Vigor	5, 3, 1		
		a. Organic or Sustainable Agriculture	5	d. N/A	0	d. N/A	0		
a. Voluntary CNMP (Plan Only)*	20	b. Food Quality	3						
b. Voluntarily addresses other known pollutant issue	3	c. Increase Yield/Minimize Loss	1						
c. Other Regulatory Issue or TMDL	2	d. N/A	0	a. Threatened & Endangered Species	18, 14, 10			a. Public area contiguous to cropland, buffer in adequate	4
N/A	0			b. Fish & Wildlife-Inadequate Food/Cover/Water	7, 5, 3			b. Non-farm residences contiguous, buffer inadequate	3
				c. Domestic Animals-Inadequate Feed/Forage/Water	5, 3, 1			c. N/A	1
a. Innovative	10	1st Resource Concern: E, N, S Water Quality	5	d. N/A	0				
b. Adaptive	3	2nd Resource Concern: E Invasives, N Soil Erosion, S Water Quantity	3						
c. Adoptive	1	3rd Resource Concern: E Farm Viability, N Flood Control, S Food Security	1						
		N/A	0						